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Kayihan [TR/DE]; Julius-Vosseler-Strasse 107, 22527  
Hamburg (DE).

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(74) Agent: **BEYER, Andreas**; Wuesthoff & Wuesthoff,  
Schweigerstrasse 2, 81541 München (DE).

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(71) Applicant (*for all designated States except US*): **AIRBUS  
DEUTSCHLAND GMBH** [DE/DE]; Kreetstag 10, 21129  
Hamburg (DE).

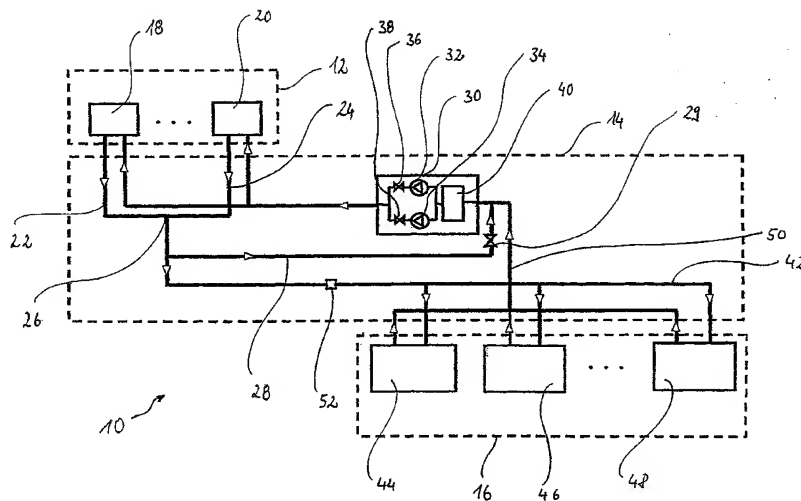
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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SCHERER,  
Thomas** [DE/DE]; Tinsdaler Kirchenweg 228 a, 22559  
Hamburg (DE). **WITSCHKE, Matthias** [DE/DE]; Eich-  
heister 12, 21079 Hamburg (DE). **KIRYAMAN, Ahmet**,

[Continued on next page]

(54) Title: COOLING SYSTEM FOR COOLING HEAT-GENERATING INSTALLATIONS AND FOR MAINTAINING THE  
TEMPERATURE OF CLOSED-OFF AREAS AT BELOW CABIN TEMPERATURE IN AN AIRCRAFT



(57) Abstract: In a cooling system (10) for cooling heat-generating installations (44, 46, 48) in an aircraft, with a refrigerating installation (12), at least one refrigeration consumer (44, 46, 48) and a refrigeration transport system (14) connecting the refrigerating installation (12) and the refrigeration consumer (44, 46, 48), it is provided that the refrigerating installation (12) comprises at least one refrigeration machine (18, 20) which covers the maximum refrigeration requirement of the at least one refrigeration consumer (44, 46, 48) and in that the at least one refrigeration consumer (44, 46, 48) is supplied with cold generated in the refrigerating installation (12) via a refrigerating agent circulating in the refrigeration transport system (14).

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